



MI-CW4011

# Michigan Crop Weather

October 3, 2011

## Cool and Wet

Three days were suitable for fieldwork during the week ended October 2, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 1.81 inches to 2.41 inches in the Upper Peninsula and 0.70 to 1.84 inches in the Lower Peninsula. Temperatures were 1 degree above normal in the Upper Peninsula. Temperatures in the Lower Peninsula ranged from normal to 6 degrees below normal. Weather in the Lower Peninsula was cool and wet this week, which slowed field activity. Moisture was welcomed in areas where it was dry. High winds were reported in the west central and southwestern Lower Peninsula.

## Field Crops

Early planted **corn** was in R6, while later planted corn was in R5. Maturity continued to be behind average and was not helped by rains this past week. A small amount of corn was harvested. **Silage** harvest continued at an average pace. **Soybeans** continued to drop their leaves. Rains this past week helped this process. Maturity is behind normal at this point in the season. Not many **dry beans** were harvested this week because of dampness. **Winter wheat** planting continued slowly and will begin in earnest as soils dry out. **Alfalfa** regrowth was aided by precipitation. Rains have softened soils; hence easier **sugarbeet** and **potato** harvest.

Soil moisture for week ending 10/02/11

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	1	7	71	21
Subsoil	3	12	74	11

Crop condition for week ending 10/02/11

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	4	11	22	49	14
Corn	3	8	26	45	18
Dry beans	5	13	30	36	16
Pasture	5	15	31	41	8
Soybeans	3	7	26	47	17

## Fruit

Harvests of Empire, McIntosh, and Jonathon **apples** continued; harvests of Golden Delicious and Cortland began. There was spotty tree and fruit damage in the southwest from high winds and hail on September 29. Concord **grape** harvest was in full swing. There was some leaf frost damage in low elevation vineyards caused by low temperatures on the morning of October 1. **Cranberry** harvest began.

## Vegetables

A damp week made vegetable harvest difficult. Most vegetable growing areas avoided widespread frost. Harvest continued on a limited basis for summer crops such as **sweet corn**, **cole crops**, **cucumbers**, **summer squash**, **tomatoes**, **peppers**, and even a few **watermelons**. Harvest continued for late season crops as well: **pumpkins**, **winter squash**, and **carrots**. In addition to harvest, vegetable farmers were removing plastic, preparing fields for the winter, and planting cover crops as necessary.

Crop progress for week ending 10/02/11

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, third cutting	90	87	91	89
All hay, fourth cutting	34	27	58	41
Apples, harvested	42	34	75	54
Corn, dent	94	90	100	97
Corn, mature	47	35	95	73
Corn, harvested	3	2	28	11
Corn silage, harvested	80	65	99	84
Dry beans, dropping leaves	100	92	100	97
Dry beans, harvested	35	33	87	68
Peaches, harvested	100	95	100	98
Potatoes, harvested	47	40	46	49
Soybeans, turning leaves	94	83	100	96
Soybeans, dropping leaves	66	46	95	83
Soybeans, harvested	2	0	32	14
Sugarbeets, harvested	11	7	27	13
Winter wheat, planted	16	11	36	31
Winter wheat, emerged	4	1	7	5

Michigan Weather Summary for Week Ending 10/02/11 <sup>1</sup>

Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2011	2010	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	73	27		2,111	2,219		1.82	2.31	3.00	16.99		
Marquette	69	32		2,054	2,146		4.58	5.53	6.43	20.89		
Stephenson	76	26		2,282	2,555		2.22	2.86	2.99	17.04		
Western UP	76	23	1	2,089	2,220	1,921	1.81	2.31	3.01	16.50	20.14	2.57
Cornell	69	30		2,266	2,440		2.49	3.16	4.19	16.67		
Sault St Marie	72	33		2,108	2,265		0.87	2.17	3.52	23.58		
Eastern UP	72	28	1	2,052	2,209	1,699	2.41	3.07	4.34	20.00	19.06	2.57
Beulah	67	35		2,449	2,684		1.77	2.85	3.74	24.68		
Lake City	66	29		2,351	2,518		0.96	1.58	2.14	21.61		
Old Mission	70	30		2,312	2,578		1.28	2.69	2.85	18.02		
Pellston	70	27		2,234	2,422		1.75	2.48	3.27	20.75		
Northwest	70	27	-1	2,297	2,503	2,199	1.32	2.13	2.68	19.79	18.27	2.75
Alpena	70	30		2,268	2,498		2.25	3.65	3.77	24.43		
Houghton Lake	70	28		2,496	2,649		1.41	2.46	2.84	19.69		
Rogers City	68	35		2,105	2,339		2.04	3.15	3.43	17.55		
Northeast	70	28	0	2,311	2,525	2,127	1.84	3.12	3.40	20.94	18.09	2.40
Fremont	67	30		2,605	2,873		0.01	0.12	0.13	16.04		
Hart	67	28		2,472	2,758		0.73	1.93	2.02	17.17		
Muskegon	69	34		2,895	3,185		0.92	2.21	2.78	23.98		
West Central	69	28	-3	2,582	2,877	2,406	0.70	1.50	1.72	19.66	18.27	2.94
Alma	68	35		2,593	2,948		0.75	1.36	1.75	27.06		
Big Rapids	69	30		2,457	2,767		0.88	1.46	1.48	29.53		
Central	69	30	-2	2,548	2,846	2,483	0.86	1.29	1.42	23.96	19.06	2.59
Bad Axe	71	38		2,526	2,806		1.78	2.76	2.91	25.12		
Pigeon	71	42		2,496	2,768		1.71	3.06	3.06	19.91		
Saginaw	75	37		2,821	3,085		0.66	1.29	1.52	21.86		
Standish	72	33		2,425	2,711		1.55	2.19	2.62	24.47		
East Central	75	33	-1	2,516	2,842	2,493	1.26	2.17	2.36	22.88	16.98	2.41
Fennville	69	31		2,651	2,981		1.41	2.12	2.36	23.29		
Grand Rapids	69	36		2,999	3,280		1.39	1.68	2.01	28.72		
Holland	66	37		3,753	3,255		1.35	3.32	4.05	31.80		
South Bend, IN	68	34		3,108	3,351		1.20	2.89	3.50	28.24		
Watervliet	68	32		2,857	3,165		1.47	2.49	2.92	25.53		
Southwest	69	31	-6	2,895	3,150	2,720	1.33	2.26	2.75	26.00	19.63	2.99
Belding	68	33		2,622	2,881		0.76	1.35	1.38	23.39		
Coldwater	69	33		2,873	3,188		1.56	2.41	3.07	19.92		
Lansing	69	34		2,832	3,170		0.86	1.40	2.09	24.42		
South Central	72	33	-5	2,724	3,049	2,670	1.03	1.76	2.50	25.02	19.15	2.41
Detroit	73	40		3,177	3,414		1.13	3.73	6.14	28.06		
Flint	73	36		2,909	3,132		0.98	1.51	2.02	25.92		
Romeo	70	39		2,765	2,996		0.50	2.08	4.68	23.71		
Tipton	70	37		2,859	3,074		1.12	2.99	4.72	25.37		
Toledo, OH	71	36		2,910	3,395		1.19	2.50	4.46	23.57		
Southeast	73	31	-3	2,847	3,182	2,668	1.05	2.31	4.23	24.03	18.21	2.33

<sup>1</sup> Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.